

Converting Colors

$Y_{xy}(43.4976, 0.2551, 0.2252)$

Have a look what the booklet for
Yxy(43.4976, 0.2551, 0.2252)
contains.

Yxy(43.6064, 0.2553, 0.2255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.6064, 0.2553, 0.2255)

Conversions

Conversions Part 1

Format	Color
Hex	AFA6FF
RGB	175, 166, 255
RGB Percent	69%, 65%, 100%
CMY	0.3135, 0.3490, 0.0001
CMYK	0.31, 0.35, 0.00, 0.00
HSL	246°, 100%, 83%
HSV	246°, 35%, 100%
XYZ	49.3690, 43.6064, 100.4011
YIQ	178.8370, -23.2050, 29.5870

Conversions

Conversions Part 2

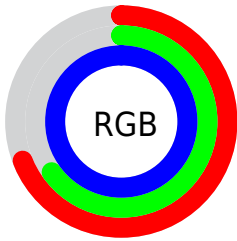
Format	Color
R_{YB}	175, 166, 255
Decimal	11511551
CIE _{Lab}	71.96, 22.76, -43.00
CIE _{LCh}	72, 48.656, 297.896
Yxy	43.6064, 0.2553, 0.2255
Android (android.graphics.Color)	4289701631 (0xFFAFA6FF)
YUV	178.8370, 37.5484, -3.3650
Hunter-Lab	66.0351, 17.8882, -43.9210

Details

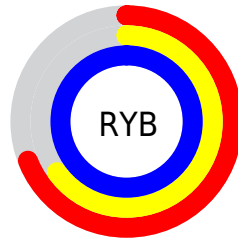
The Yxy color **43.6064, 0.2553, 0.2255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.8366, 0.3593, 0.4182**, and the grayscale version is **44.7975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0887, 0.2986, 0.2943**, and **20.1049, 0.2393, 0.2008** is the 20% darker color. If you saturate the color by 10%, you get **32.8092, 0.2352, 0.1907**, and if you desaturate by 10%, it is **56.6939, 0.2741, 0.2587**.

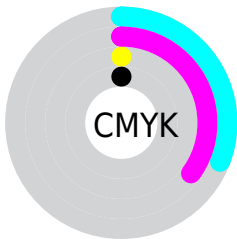
Distribution



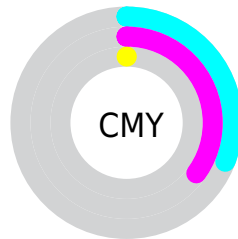
- Red (69%)
- Green (65%)
- Blue (100%)



- Red (69%)
- Yellow (65%)
- Blue (100%)



- Cyan (31%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (31%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6064, 0.2553, 0.2255 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.6064, 0.2553, 0.2255 by changing the saturation by 10% instead.


 43.6064, 0.2553,
0.2255


 43.6064, 0.2553,
0.2255

361.0997, 0.2842,
0.2739

 30.3612, 0.2482,
0.2146


 80.6251, 0.2657,
0.2422

 20.1129, 0.2393,
0.2012


 105.1675, 0.2697,
0.2488

 12.4771, 0.2278,
0.1845


134.2443, 0.2730,
0.2544

 7.0695, 0.2123,
0.1633

168.2400, 0.2759,
0.2593

 3.5056, 0.1909,
0.1359

207.5390, 0.2784,
0.2636

 1.4010, 0.1602,
0.1003

252.5257, 0.2805,

 0.2175, 0.1175,

0.2674

0.0335

303.5845, 0.2825,
0.2708

0.0000, 0.0000,
0.0000

43.6064, 0.2553,
0.2255

43.6064, 0.2553,
0.2255

32.8092, 0.2352,
0.1907

56.6939, 0.2741,
0.2587

24.1655, 0.2147,
0.1560

72.1880, 0.2911,
0.2893

17.5316, 0.1951,
0.1237

90.2029, 0.3061,
0.3168

12.7443, 0.1779,
0.0965

99.9984, 0.3127,
0.3290

9.6143, 0.1644,
0.0765

■ 7.9114, 0.1555,
0.0648

■ 7.4372, 0.1527,
0.0615

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.6064, 0.2108, 0.2250



43.6064, 0.2553, 0.2255



43.6064, 0.3205, 0.2474

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.6064, 0.2553, 0.2255



43.6064, 0.4492, 0.3877



43.6064, 0.2349, 0.3731

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.6064, 0.2553, 0.2255



93.8366, 0.3593, 0.4182

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.6064, 0.2933, 0.4358



43.6064, 0.2553, 0.2255



43.6064, 0.4181, 0.4338

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.6064, 0.2553, 0.2255



43.6064, 0.4402, 0.3355



43.6064, 0.3605, 0.4567



43.6064, 0.1996, 0.3013

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.6064, 0.2553, 0.2255



43.6064, 0.3683, 0.2718



43.6064, 0.3605, 0.4567



43.6064, 0.2523, 0.3969

Sweetspot

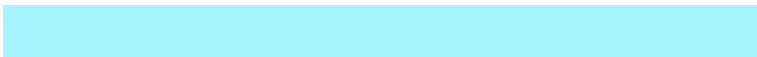
The Sweet Spot groups the original color and five complimentary colors.



43.6081, 0.2553, 0.2255



80.7072, 0.2987, 0.3032



81.2834, 0.2620, 0.3190



16.7390, 0.2966, 0.2993



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.6081, 0.2553, 0.2255



35.7183, 0.2411, 0.2008



49.6085, 0.2884, 0.2345



17.4661, 0.2994, 0.3045



3.9156, 0.1534, 0.0619



0.4092, 0.1600, 0.0655

Inverse Universe

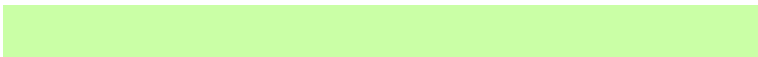
The Inverse Universe completely reimagines the original color for something new.



55.1751, 0.3240, 0.2500



48.9466, 0.3267, 0.2346



86.7563, 0.3296, 0.4275



18.2667, 0.3154, 0.3079



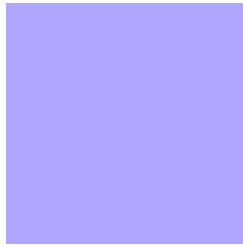
14.0796, 0.3484, 0.1693



1.3797, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 43.6064, 0.2553, 0.2255 looks on a white background.

Color Contrast Check

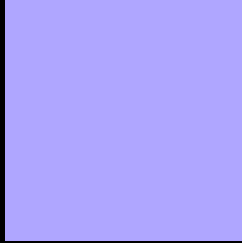
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.6064, 0.2553, 0.2255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

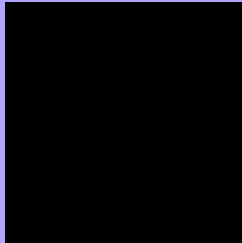
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6064, 0.2553, 0.2255

Background



This preview shows how black text looks on a background with the Yxy color 43.6064, 0.2553, 0.2255.



This preview shows how white text looks on a background with the Yxy color 43.6064, 0.2553, 0.2255.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.6064, 0.2553, 0.2255

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

43.8628, 0.2392, 0.2336



Tritanopia

43.7718, 0.2879, 0.3101

Trichromacy



Original Color

43.6064, 0.2553, 0.2255

Protanomaly

43.7167, 0.2453, 0.2286

Deuteranomaly

43.8289, 0.2448, 0.2305

Tritanomaly

43.4455, 0.2752, 0.2750

Monochromacy



Original Color

43.6064, 0.2553, 0.2255

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2421, 0.2902, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6064, 0.2553, 0.2255 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.6064, 0.2553, 0.2255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 166, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 166, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6064, 0.2553, 0.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
166, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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